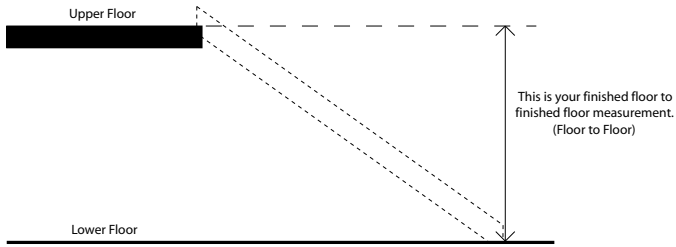




Domestic Stair Calculator

MEASURE THE LOWER FINISHED FLOOR TO UPPER FINISHED FLOOR



This is the measurement needed for the height of the stairs. From the finished surface of the floor where the stairs (lower floor) are to start to the finished surface of the next floor where the stairs are to end (upper floor).

NUMBER OF TREADS YOU WILL NEED INCLUDING THE NOSING

FINISHED FLOOR TO FINISHED FLOOR MEASUREMENT	NO. OF TREADS INC. NOSING
70" - 77½"	10
71½" - 85½"	11
78" - 93"	12
84½" - 101"	13
91" - 108½"	14
97½" - 116½"	15
103½" - 124"	16
110½" - 131¾"	17
117" - 139½"	18

Look for your finished floor to finished floor measurement and this will advise you on how many treads your staircase will require including the nosing.

Should you not be able to find your finished floor to finished floor measurement above then use the following calculation to obtain it; for KWIK STAIRS only.

Example:

- Finished floor to finished floor measurement in inches = 60"
- Divide by 7 = 7.74
- If a partial figure, round up to the next whole figure = 8
- Total number of treads required including the nosing = 8

DOMESTIC STAIR CALCULATOR

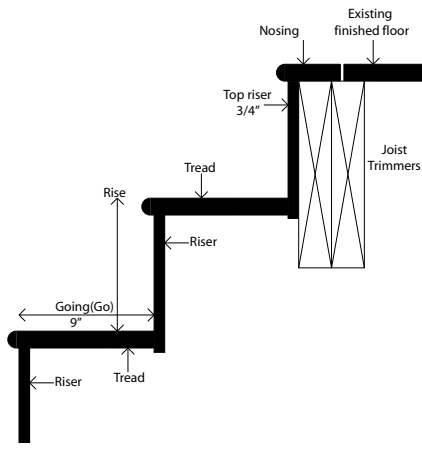
www.kwikstairs.com





Domestic Stair Calculator

CALCULATE THE SPACE REQUIRED FOR YOUR STAIRCASE



All calculations start from the lower floor and work upwards.

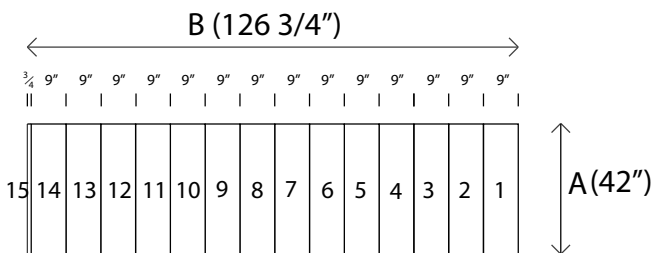
GOING - The measurement between the front of the riser on the lower tread to the front of the riser on the upper tread. **ALWAYS 10"**

TOP RISER - This is the very last top riser fitted on site that the nosing sits on. **ALWAYS 3/4"**

Every measurement length given is always to the front face of the riser.

No allowance has been made for the small 3/4" bull-nose overhang on your bottom tread if you are carpeting.

CALCULATING A STRAIGHT FLIGHT



Example 1

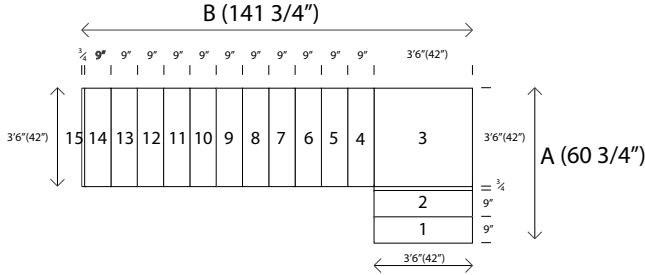
A=
Chosen width of stairs = 3'6" (42")

B=
14 x (Treads) 9" = 126"
1 x (Nosing) 3/4" = 3/4"
Total = 126 3/4 "



Domestic Stair Calculator

Calculating a Single Quarter Turn

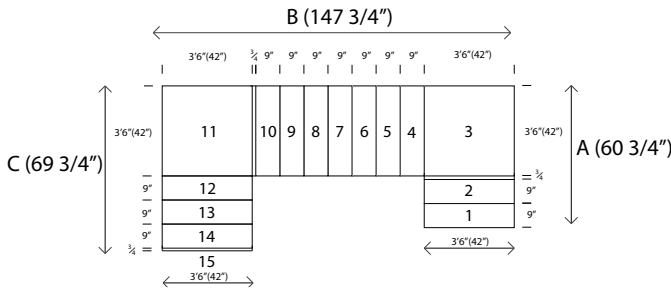


Example 2

A=
 2 x (Treads) 9" = 18"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 60 3/4"

B=
 11 x (Treads) 9" = 99"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 141 3/4"

Calculating a Double Turn



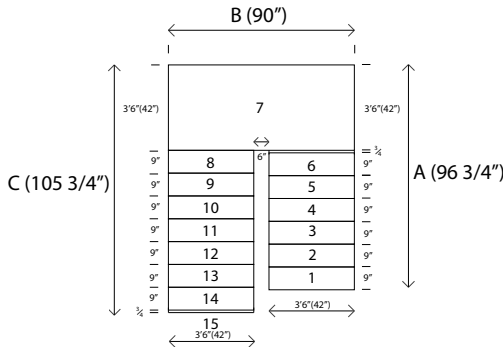
Example 3

A=
 2 x (Treads) 9" = 18"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 60 3/4"

B=
 7 x (Treads) 9" = 63"
 2 x (Landing) 42" = 84"
 1 x (Nosing) 3/4" = 3/4"
 Total = 147 3/4"

C=
 3 x (Treads) 9" = 27"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 69 3/4"

Calculating a Half Turn



Example 4

A=
 6 x (Treads) 9" = 54"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 96 3/4"

B=
 2 x (Stair width) 42" = 84"
 Gap inbetween = 6"
 Total = 90"

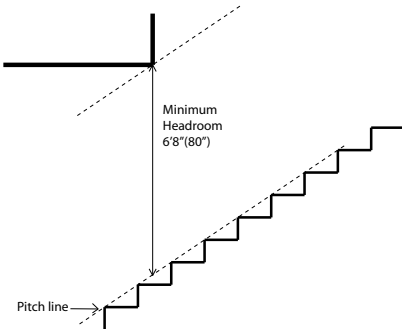
C=
 7 x (Treads) 9" = 63"
 1 x (Landing) 42" = 42"
 1 x (Nosing) 3/4" = 3/4"
 Total = 105 3/4"



Domestic Stair Calculator

HEAD HEIGHT

Your staircase must always have a clearance of 6ft 8" from the 'pitch line' as illustrated below. This makes an allowance for health and safety guidelines when ascending or descending the staircase.



THE STAIRBUILDERS AND MANUFACTURERS ASSOCIATION

The Stairbuilders and Manufacturers Association saved the stairway aesthetic and stairbuilder's craft from fateful demise. It has become an organization with a credible voice encouraging constant interpretation and enforcement of the code. It continues to proactively contribute and leverage the aggregate expertise of its members and now forges ahead with a renewed commitment to our members' success, the stair industry and the public we actively serve through education, quality standard development and certification.



What's In The Pack?

KwikStairs Straight Flight Kit

2 x Softwood Strings, grade 1	2" x 12" x 20" nominal
34 x Softwood Support Blocks, grade 2	1 1/2" x 8 3/4" x 5 1/2" finished triangular
17 x OSB Squeaker Blocks	3/4" x 1 1/2" x 23 1/2"
17 x OSB Treads	7/8" x 46 3/4" x 10 3/4" nosed
1 x OSB Nosing	7/8" x 46 3/4" x 4 3/4" nosed
18 x OSB Risers	23/32" x 46 3/4" x 8 1/4"
1 x Template, card	
1 x Pot of Glue	
450 x Screws	5mm x 60mm
1 x Instructions	